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SOVIET PLANTING MACHINES NOW BEING PRODUCED OR DEVELOPED

Sel'khoz mashina, No 10,
Moscow, Oct 1954

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Among the machines displayed at the Moscow All-Union Agricultural Exposition in 1954 were the following Soviet planting machines. The two tables below give specifications on models now being produced, [presumably by the Krasnaya Zvezda Plant in Kirovograd], and on other models now in the developmental stage.

[Comment: The tables are reproduced here exactly as they appear in the source document.]

TABLE 1. PLANTING MACHINES NOW BEING PRODUCED

MODEL NO	DESCRIPTION	WIDTH OF DIS- TRIBUTION (MM)	ROW SPACINGS (MM)	WEIGHT (KG)	PRODUCTIVITY (HA/HR)	DEPTH OF CLOSED DELIVERY (MM)	AVERAGE TRACTION FORCE (KG)	SOWING APPARATUS	FURROW OPENER	ROAD CLEARANCE (MM)
SA-48B	GRAIN DRILL, ANCHOR TYPE, NARROW ROW	3,600	75	994	1.62; 2.68	40-70	525	STEEL TUBE ACCORDING TO GOST 1714-53	HOE TYPE (NARAD'- NIKOVYY)	140
SUB-48	GRAIN DRILL, NARROW ROW, 48 ROWS, BOGA- CHEV (DESIGNER)	3,600	70-80	1,100	1.62	110	600	CAST IRON, GOST 1714-53	DOUBLE DISK	110
2SK-16	COMBINATION DRILL; FOR GRAIN, BEETS, AND FERTILIZER	5,340 4,800 2,272	445 600 142	1,650	2.5	40;80	--	CAST IRON	COMBINATION ANCHOR TYPE	110
SKG-6	CHECKROW PLANTER (WITH HILL SPACINGS OF 700 MM); FOR SUN- FLOWER, CORN, CASTOR PLANTS, AND MELON CROPS	3,600 3,900 2,200	600, 650, 700; 1,200 1,300, 1,400 1,800, 1,950 2,100	900	1.3	120	550	SEED PLATE DISK	RUNNER TYPE	120
SON-2.8	VEGETABLE PLANTER, MOUNTED TYPE	2,400 2,700 2,800	45,60,70 90 (50-20)	530	1.15 1.48	15,20 30,40 50	--	CAST IRON	DOUBLE DISK WITH RIMS (REBRO)	300
SOD-24	VEGETABLE PLANTER, 24 ROWS	4,020 3,600	150, 450 600, 650 700, 900 150+150+ 450; 150+150 +500	980	1.62-1.89 AT A V = 4.5 KM/HR; 2.62-3.1 AT A V = 7.4 KM/HR	40-70 15-50	430	CAST IRON	DOUBLE DISK	110
SL-44	FLAX PLANTER, 44 ROWS	3,300	75	1,150	1.49 2.41	20-40	--	CAST IRON	KEEL TYPE (KILEVI- DNYV)	110

[ADJOINS PAGE 3 HERE.]

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[ADJOINS PAGE 2 HERE.]

TR-1	FERTILIZER SPREADER, TRACTOR, TRAILER TYPE	4,000	CONTINUOUS SOWING	880	1.8	FOR SURFACE SOIL	150	CHAIN TYPE	--	--
SK-24	GRAIN AND FERTILIZER DRILL, TRAILER TYPE, 24 ROWS	3,600	150	1,018	1.62	MAXIMUM OF 105	450	FOR SEED, CAST IRON; FOR FERTILIZER, RACK AND GEAR DRIVE	COMBINATION ANCHOR TYPE	120
T8-2A	GRAIN DRILL, DISK TYPE, 24 ROWS	3,600	150	917	2.68 AT A V = 7.4 KM/HR	40-70	400	STEEL	DOUBLE DISK	110
SL-4A	FOREST PLANTER, HORSE DRAWN	1,400 1,500	100 & 150 150; 600/100 & 150	390 395	0.5 0.54	10+100 10+40	--	SPECIAL CAST IRON STEEL	HOE TYPE, KEEL TYPE	100
SZA-68	GRAIN, COTTON DRILL, 6 ROWS	3,900 4,200	650 700	778	1.75; 1.89 2.89; 3.11	40-70	--	HOPPER TYPE, FLUTED FEED ROLL	KEEL TYPE WITH RUNNERS	110
SSH-6A	CHECKROW PLANTER, (WITH HILL SPACINGS OF 720, 900, 1,000 MM); FOR SUNFLOWER, CASTOR PLANTS, AND MELON CROPS	3,600 3,900 4,200	600, 650, 700; 1,200 1,300, 1,400; 1,800, 1,950, 2,100.	940	1.7	120	540	SEED DISK PLATE	RUNNER TYPE	120
SLS-4	ONION-SEED PLANTER (ROW-STRIP PLANTING)	1,400 1,100	200+500 & 250+450; 300+ 300+500	387	0.56	UP TO 80 (MM)	200	SPECIAL FLUTED FEED ROLL	ANCHOR TYPE WITH DEPTH ARRESTERS AND ROLLERS	100

[ADJOINS PAGE 4 HERE.]

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SZTK-19	GRAIN, GRASS DRILL; HORSE DRAWN, 3 BOX TYPE	1,500	75-150	492	0.5-0.7	30-70	--	CAST IRON	ANCHOR AND KEEL TYPES	120
SK-10	GRAIN, FERTILIZER DRILL; HORSE DRAWN, 10 ROWS	1,780 FOR BEETS 1,500 FOR GRAIN	445 FOR BEETS 150 FOR GRAIN	534	0.7 FOR BEETS 0.59 FOR GRAIN	40 FOR BEETS 80 FOR GRAIN	--	CAST IRON	--	--
SZT-47	GRAIN, GRASS DRILL, TRACTOR	3,600	75	1,265	1.62 2.62	40-70 20-40	--	CAST IRON	DOUBLE DISK, HOE TYPES	120

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TABLE 2. NEW AND MODERNIZED MACHINES

MODEL NO	DESCRIPTION	WIDTH OF DIS- TRIBUTION (MM)	ROW SPACINGS (MM)	WEIGHT (KG)	PRODUCTIVITY (HA/HR)	DEPTH OF CLOSED DELIVERY (MM)	AVERAGE TRACTION FORCE (KG)	SOWING APPARATUS	FURROW OPENER	ROAD CLEAR- ANCE (MM)
SA-6G	PEANUT DRILL	4,200	700	620	19 AT A V = 4.5 KM/HR 3.1 AT A V = 7.4 KM/HR	50-100	400	SPECIAL FLUTED FEED ROLL	ANCHOR TYPE WITH PRES- SURE WHEELS AND SEED COVERERS	120
T-8-U	GRAIN, FERTILIZER DRILL; DISK TYPE, 24 ROWS	3,600	150	1,014	2.68 AT A V = 7.4 KM/HR	40-70	500	STEEL AC- CORDING TO GOST 1714-53	DOUBLE DISK ACCORDING TO GOST 1714-53	120
SZTU-47	GRAIN GRASS DRILL; UNIVERSAL	3,600	GRAIN 150, GRASS 75-150, GENERAL 75	1,050	2.68 AT A V = 7.4 KM/HR	GRAIN 30-70, GRASS 20-60	--	STEEL FLUTED FEED ROLLS; CRANE TYPE; STEEL FLUTED FORCE FEED ROLL; SPECIAL FLUTED FEED ROLL	ANCHOR AND KEEL TYPES	130
SZTK-47	COMBINATION GRAIN AND GRASS DRILL	3,600	GRAIN 150, GRASS 150, GENERAL 75	1,330	2.6	WITH DISK OPENERS 40-80; WITH ANCHOR TYPE OPENERS 20-40	610	FOR GRAIN, STAMPED STEEL; FOR NONFREE FLOWING GRASS SEED, STAMPED ROLLS; FOR FREE FLOW- ING SEED, SMALL CAST IRON	DOUBLE DISK KEEL	120
SSN-6	BET DRILL, MOUNTED	3,600	600	562	1.5	30-60	244	CAST IRON	SPECIAL	300

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TR-1A	TRACTOR FERTILIZER SPREADER WITH A GRANULATING AT- TACHMENT	4,000	CONTINU- OUS SOW- ING	900	1.8	ON SOIL SURFACE	150	CHAIN TYPE	--	--
2SHK-3	PEPPERMINT ROOT PLANTER	2,700	450	870	0.5	60-80	278	SLAT CHAIN CONVEYER WITH A PIVOT HOP- PER	SPECIAL HOC TYPES	110
SAD-48	GRAIN DRILL, DISK AND ANCHOR TYPE, 48 ROWS	3,600	75	ANCHOR 775 DISK 895	2.68 AT A V = 7.4 KM/HR	80-70	ANCHOR 410 DISK 440	STEEL FEED ROLLS	INTERCHANGE- ABLE ANCHOR AND DISK	130
KS-24	GRAIN DRILL CULTI- VATOR (FREE-FLOW- ING)	3,600	150	940	1.62; 2.68	40-80	542	STEEL	SPECIAL	130
SSHK-6	CHECKROW PLANTER WITH FERTILIZER FOR HILL DROP SOWING (WITH HILL DROP SPACINGS OF 720, 900, 1,800 mm)	3,600 3,900 4,200	600, 650 700, 1,200 1,300, 1,400 1,800, 1,950 2,100	940	1.6	120	540	SEED DISK PLATE	RUNNER TYPE	120
SBS-32	GRAIN SEEDER FOR ROWLESS SOWING	3,520	110	1,000	1.58 2.6	35-70	561	STEEL	SPECIAL	120
SL-72	FLAX PLANTER, NARROW ROW	3,600	50 150	800	1.62	15-30 40-70	380	STEEL	SPECIAL OPENERS	110
SA-48-V	GRAIN DRILL, ANCHOR TYPE, NARROW ROW	3,600	75	904	1.62 2.68	40-70	323	STEEL TUBES	ANCHOR TYPE WITH CAST IRON POINTS	120

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SUB-48-A	GRAIN DRILL, DISK TYPE, NARROW ROW	3,600	70-80	1.047	1.62 2.56	40-70	600 AVERAGE	STEEL	DOUBLE DISK WITH SEPARATE HOPPERS	110
POLO- SOOBR PSB	"RIDGER ATTACH- MENT" (POLO- SOOBRAZOVATEL')	3,600	--	300	1.62	--	872	--	--	200
(T-) 8-2B	GRAIN DRILL, DISK TYPE, 24 ROWS	3,600	150	894	2.68 AT A V = 7.4 KM/HR	40-70	400	STEEL FEED ROLLS	DOUBLE DISK	110

*THIS ATTACHMENT APPEARS TO BE USED FOR MAKING RIDGES AND SHALLOW TRENCHES TO RETAIN WATER.

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- 7 -

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